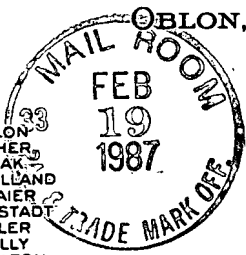


4102/11/87 093



OBLON, FISHER, SPIVAK, McCLELLAND & MAIER, P.C.
COUNSELLORS AT LAW
CRYSTAL SQUARE FIVE, SUITE 400
1755 SOUTH JEFFERSON DAVIS-HIGHWAY 7
ARLINGTON, VIRGINIA 22202 U. S. A.
TELEPHONE (703) 521-5940

NORMAN F. OBLON
STANLEY P. FISHER
MARVIN J. SPIVAK
C. IRVIN McCLELLAND
GREGORY J. MAIER
ARTHUR I. NEUSTADT
ROBERT C. MILLER
RICHARD D. KELLY
JAMES D. HAMILTON
ECKHARD H. KUESTERS
ROBERT T. POUS
DAVID J. KERA
CHARLES L. GHOLZ
VINCENT J. SUNDERDICK*

WILLIAM E. BEAUMONT
STEVEN B. KELBER
STUART D. DWORK
CHARLES L. WILLIS*
ROBERT F. GNUSE

FREDERICK D. VASTINE, PH.D.*
MURRAY TILLMAN*
JEAN-PAUL LAVALLEYE, PH.D.*
ROBERT R. COOK, PH.D.*
TIMOTHY R. SCHWARTZ, PH.D.*

MILTON STERMAN, OF COUNSEL*
SAMUEL H. BLECH, OF COUNSEL*

HONORABLE COMMISSIONER OF PATENTS & TRADEMARKS
WASHINGTON, D.C. 20231

IRVING MARCUS
1919-1982
PATENT TRADEMARK AND COPYRIGHT LAW
AND RELATED LICENSING AND LITIGATION

RECEIVED
FEB 4 1987

GROUP 210

Docket No.: 39-1517-2S FWC

TELEX
248855 OPAT UR
89-2698 OBLONPAT AGTN
89-9138 OBLONPAT AGTN

CABLE ADDRESS
OBLONPAT WASHINGTON, D.C.

RAPIFAX (RICOH) FACSIMILE
ALL COUNTRIES
(703) 486-2347 G II, III
(703) 522-5019 G II

XEROX TELECOPIER FACSIMILE
U.S.A., CANADA, JAPAN
(703) 521-0083
ALL OTHER COUNTRIES
(703) 521-0053

RE: U.S. Application
Serial No.: 930,993
Group: 212 Examiner: BUDD
Filed: November 14, 1986
Inventor: KAZUFUMI ISHIYAMA
For: CURVILINEAR ARRAY OF ULTRASONIC
TRANSDUCERS

SIR:

Attached hereto for filing are the following papers:

LETTER TO THE COMMISSIONER
TWO (2) DECLARATIONS UNDER 37 CFR 1.132
JSUM PROCEEDINGS ARTICLE

Our check in the amount of \$ 00.00 is attached covering any required fees. In the event any variance exists between the amount enclosed and the Patent Office charges, please charge or credit our Deposit Account No. 15-0030. A duplicate copy of this sheet is attached.

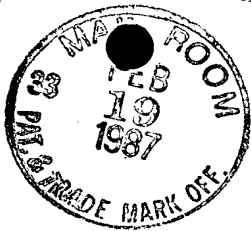
Respectfully submitted,

OBLON, FISHER, SPIVAK,
McCLELLAND & MAIER, P.C.

Eckhard H. Kuesters
Marvin J. Spivak
Attorney of Record
Registration No.: 24,913

*BAR MEMBERSHIP OTHER THAN VA.
*REGISTERED PATENT AGENT

ECKHARD H. KUESTERS
Registration No. 28,870



RECEIVED

FEB 24 1987

GROUP 210

#19
3/9/87

DOCKET NO: 39-1517-2 FWC

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

IN RE APPLICATION OF	:
KAZUFUMI ISHIYAMA	:
SERIAL NO: 930,993	: GROUP ART UNIT: 212
FILED: NOVEMBER 14, 1986	: EXAMINER: BUDD
FOR: CURVILINEAR ARRAY OF	:
ULTRASONIC TRANSDUCERS	:

LETTER TO THE COMMISSIONER

HONORABLE COMMISSIONER OF PATENTS & TRADEMARKS
WASHINGTON, D.C. 20231

SIR:

Submitted herewith are two Declarations Under 37 CFR 1.132 in support of Applicant's position that the pending claims in the above-identified patent application represent a distinct improvement over the prior medical probes available to clinical practitioners. Also attached hereto is a copy of the JSUM Proceedings Article noted by Declarant Sugiyama in his Declaration. The Examiner is respectfully requested to consider the Declarations in his analysis and evaluation of Applicant's invention.


In view of the present submission, and in view of Applicant's Preliminary Amendment filed on November 14, 1986,

claims 1, 5, 8 and 10 are believed to be patentable, and an early and favorable indication to that effect is respectfully requested.

Respectfully submitted,

OBLON, FISHER, SPIVAK,
McCLELLAND & MAIER, P.C.

Marvin J. Spivak
Attorney of Record
Registration No. 24,913


Eckhard H. Kuesters
Attorney of Record
Registration No. 28,870

Crystal Square Five-Suite 400
1755 South Jefferson Davis Highway
Arlington, Virginia 22202
(703) 521-5940
MJS/EHK/smi



OBLON, FISHER, SPIVAK, McCLELLAND & MAIER, P.C.

COUNSELLORS AT LAW

CRYSTAL SQUARE FIVE, SUITE 400

1755 SOUTH JEFFERSON DAVIS HIGHWAY

ARLINGTON, VIRGINIA 22202 U. S. A.

TELEPHONE (703) 521-5940

GROUP 21U

IRVING MARCUS
1919-1982

PATENT TRADEMARK AND COPYRIGHT LAW
AND RELATED LICENSING AND LITIGATION

TELEX

248855 OPAT UR
89-2698 OBLONPAT AGTN
89-9138 OBLONPAT AGTN

CABLE ADDRESS
OBLONPAT WASHINGTON, D.C.

RAPIFAX (RICOH) FACSIMILE

ALL COUNTRIES
(703) 488-2347 G II, III
(703) 522-5019 G II

XEROX TELECOPIER FACSIMILE

U.S.A., CANADA, JAPAN
(703) 521-0083
ALL OTHER COUNTRIES
(703) 521-0053

NORMAN F. OBLON
STANLEY P. FISHER
MARVIN J. SPIVAK
C. IRVIN McCLELLAND
GREGORY J. MAIER
ARTHUR I. NEUSTADT
ROBERT C. MILLER
RICHARD D. KELLY
JAMES D. HAMILTON
ECKHARD H. KUESTERS
ROBERT T. POUS
DAVID J. KERA
CHARLES L. GHOLZ
VINCENT J. SUNDERDICK*

WILLIAM E. BEAUMONT
STEVEN B. KELBER*
STUART D. DWORK
CHARLES L. WILLIS*
ROBERT F. GNUSE

FREDERICK D. VASTINE, PH.D.*
MURRAY TILLMAN*
JEAN-PAUL LAVALLEYE, PH.D.*
ROBERT R. COOK, PH.D.*
TIMOTHY R. SCHWARTZ, PH.D.*

MILTON STERMAN, OF COUNSEL*
SAMUEL H. BLECH, OF COUNSEL*

Docket No.: 39-1517-2S FWC

HONORABLE COMMISSIONER OF PATENTS & TRADEMARKS
WASHINGTON, D.C. 20231

RE: U.S. Application
Serial No.: 930,993
Group: 212 Examiner: BUDD
Filed: November 14, 1986
Inventor: KAZUFUMI ISHIYAMA
For: CURVILINEAR ARRAY OF ULTRASONIC
TRANSDUCERS

SIR:

Attached hereto for filing are the following papers:

LETTER TO THE COMMISSIONER
TWO (2) DECLARATIONS UNDER 37 CFR 1.132
JSUM PROCEEDINGS ARTICLE

Our check in the amount of \$ 00.00 is attached covering any required fees. In the event any variance exists between the amount enclosed and the Patent Office charges, please charge or credit our Deposit Account No. 15-0030. A duplicate copy of this sheet is attached.

Respectfully submitted,

OBLON, FISHER, SPIVAK,
McCLELLAND & MAIER, P.C.

Eckhard H. Kuesters

Marvin J. Spivak
Attorney of Record
Registration No.: 24,913